

Title (en)

Long-term authenticity proof of electronic documents

Title (de)

Langfristiger Authentizitätsbeweis für elektronische Dokumente

Title (fr)

Preuve de l'authenticité de longue durée des documents électroniques

Publication

EP 1643402 A3 20070110 (EN)

Application

EP 05018650 A 20050827

Priority

US 61403904 P 20040930

Abstract (en)

[origin: EP1643402A2] Systems, methods and computer program products are disclosed for providing long-term authenticity proof of an electronic document having a digital signature, wherein the electronic document is digitally signed with a digital signature and the electronic document and its digital signature are archived in a data archive. Such systems, methods and computer program products according to the invention comprise storing of the electronic document in a first data archive and storing of the hash value of the electronic document in a second data archive which is different from the first data archive. Long-term authenticity and integrity may be achieved by periodically re-signing, particularly time stamping the hash value in the second data archive.

IPC 8 full level

G06F 21/00 (2006.01)

CPC (source: EP US)

G06F 21/64 (2013.01 - EP US); **G06F 21/645** (2013.01 - EP US); **H04L 9/321** (2013.01 - EP US); **H04L 9/3247** (2013.01 - EP US); **H04L 9/3263** (2013.01 - EP US); **H04L 9/3297** (2013.01 - EP US); **G06F 2221/2151** (2013.01 - EP US); **H04L 2209/60** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1643402 A2 20060405; EP 1643402 A3 20070110; US 2006075245 A1 20060406; US 8132013 B2 20120306

DOCDB simple family (application)

EP 05018650 A 20050827; US 23937805 A 20050930